

Title (en)
SYSTEM AND PROCESS FOR REFINING SUGAR

Title (de)
SYSTEM UND VERFAHREN ZUR RAFFINIERUNG VON ZUCKER

Title (fr)
SYSTÈME ET PROCÉDÉ DE RAFFINAGE DU SUCRE

Publication
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Application
EP 12795982 A 20121127

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Abstract (en)
[origin: US2013139811A1] A system and process for refining raw sugar, comprising a melting unit configured to receive the raw sugar and an eluent to produce a melt liquor, a decolorization unit configured to receive the melt liquor and to produce a fine liquor, a crystallization unit configured to fractionate high-purity crystalline sucrose from the fine liquor and to provide a run-off syrup, a softening unit configured to receive the run-off syrup to produce a softened syrup, at least one separation unit configured to receive the softened syrup to produce a low-invert sucrose product, and a recycle line configured to relay the low-invert sucrose product from the at least one separation unit to the melting unit.

IPC 8 full level
C13B 20/14 (2011.01); **C13B 30/04** (2011.01); **C13B 30/14** (2011.01); **C13B 35/06** (2011.01)

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